**Ordering Information**

Catalog No.	Finishes	Track Mountings	Lamps
6275B WH	Matte White	All Lytespan Track Systems	MR16 75W Max.
6275B BK	Matte Black		
6275B AL	Metallic Aluminum		

**Features**

- Ring:** Die-cast aluminum with cool grip insulation band, a high temperature silicone rubber which allows aiming adjustments while fixture is on.
- Socket:** Bi-pin ceramic socket wired with 18 ga. stranded Teflon leads with fiberglass outer sleeve.
- Transformer:** Electronic low voltage transformer with integral radio frequency interference filter and anti-crossover circuit for increased reliability; housed in extruded aluminum.
- Track Attachment Fitting:** Molded polycarbonate, rotates into track and locks on with push tab; integral polarity key guard.
- Push Tab:** Locks and detaches unit from track.
- Brass Contacts:** Extends for connection to second circuit in Advent® Lytespan track.
- Tension Pivot Mounts:** Die-cast aluminum. Allows for 180° horizontal rotation and 180° vertical rotation.
- Lamp Guard:** Tempered glass.
- Spring:** Steel springs hold lamp and housing in place.
- Socket Boot:** High temperature insulating silicone rubber encases socket.

**Options & Accessories**

Accessory Holder	7662
2" Dia. Series	Lenses and Louver

**Electrical/Dimming**

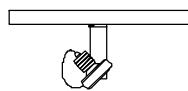
Dimming controls: Use only dimmers specifically designed for use with electronic transformers, like Lightolier Sunrise™ and Neptune Momentum QE™ series. Low voltage fixtures may produce audible sound when used with dimmers, which may be objectionable in acoustically critical areas.

**Labels**

UL; Patent Pending

LYTESPAN  
SOFT-TECH  
LIGHTOLIER

<b>Job Information</b>	<b>Type:</b>
<b>Job Name:</b>	
<b>Cat. No.:</b>	
<b>Lamp(s):</b>	
<b>Notes:</b>	

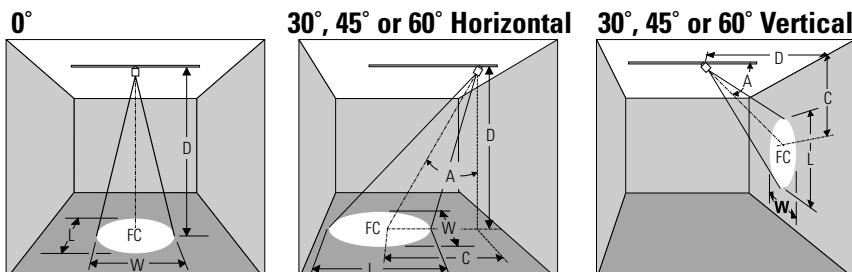


## Lighting Data

## Aiming Angle

- L** Beam Length
- W** Beam Width
- C** Distance to center beam
- D** Distance
- A** Aiming Angle
- FC** Footcandles

**L** and **W** are the outer points where the candle power drops to 50% of the maximum. **FC** are the initial footcandles at the center of the beam.



LAMP	0° AIMING ANGLE				A=30° AIMING ANGLE				A=45° AIMING ANGLE				A=60° AIMING ANGLE					
	D	C	FC	L	D	C	FC	L	D	C	FC	L	W	D	C	FC	L	W
Beam Spread 50% Max CP	Beam Center C.P. Candelas	Rated Life-Hrs			7'	187	0.9'	0.9'	6'	3.5'	148	1.0'	0.8'	4'	4.0'	181	1.0'	0.7'
20W MR16 (T-H) VNSP (EZX)		8200	3000	7°	10'	82	1.2'	1.2'	9'	5.2'	66	1.5'	1.3'	6'	6.0'	81	1.5'	1.0'
20W MR16 (T-H) NSP (ESX)		3600	2000	13°	13'	49	1.6'	1.6'	12'	6.9'	37	2.0'	1.7'	8'	8.0'	45	2.0'	1.4'
20W MR16 (T-H) FL (BAB)		525	4000	40°	16'	32	2.0'	2.0'	15'	8.7'	24	2.4'	2.1'	10'	10.0'	29	2.5'	1.7'
35W MR16 (T-H) NSP (FRB)		8700	4000	12°	7'	100	1.4'	1.4'	5'	2.8'	94	1.5'	1.3'	3'	3.0'	141	1.4'	1.0'
35W MR16 (T-H) SP (FRA)		3900	4000	20°	8'	58	1.8'	1.8'	7'	4.0'	48	2.1'	1.8'	5'	5.0'	51	2.3'	1.6'
42W MR16 (T-H) VNSP (EZY)		13100	3500	9°	10'	87	2.1'	2.1'	12'	6.9'	39	2.7'	2.4'	7'	7.0'	28	3.2'	2.3'
50W MR16 (T-H) NFL (EXZ)		3400	4000	27°	13'	51	2.7'	2.7'	15'	8.7'	25	4.2'	3.6'	9'	9.0'	18	4.2'	2.9'
50W MR16 (T-H) FL (EXN)		1850	4000	40°	16'	34	3.4'	3.4'	6'	3.5'	157	1.7'	1.5'	4'	4.0'	192	1.7'	1.2'
50W MR16 (T-H) WFL (FNV)		1150	4000	55°	20'	27	4.2'	4.2'	8'	61	2.8'	2.8'	10'	6.0'	85	2.6'	1.8'	
75W MR16 (T-H) NSP (EYF)		12000	4000	14°	20'	205	1.3'	1.3'	7'	4.0'	52	3.3'	2.9'	8'	8.0'	48	3.4'	2.4'
75W MR16 (T-H) NFL (EYJ)		4900	4000	25°	22'	91	1.9'	1.9'	19'	5.2'	31	4.3'	3.7'	10'	10.0'	31	4.3'	3.0'
75W MR16 (T-H) FL (EYJ)		2100	4000	42°	25'	51	2.5'	2.5'	111'	6.4'	21	5.2'	4.5'	12'	7.0'	28	5.1'	3.5'
					27'	33	3.1'	3.1'	12'	9.0'	17	4.5'	4.5'	14'	9.0'	15	9.2'	6.1'
					30'	116	2.9'	2.9'	13'	4.0'	174	1.5'	1.3'	15'	5.0'	185	1.6'	1.1'
					33'	51	4.4'	4.4'	10'	5.8'	85	2.1'	1.8'	17'	7.0'	95	2.2'	1.6'
					36'	29	5.8'	5.8'	11'	6.4'	18	7.2'	6.1'	19'	9.0'	57	2.9'	2.0'
					39'	19	7.3'	7.3'	16'	9.2'	33	3.4'	2.9'	21'	11.0'	38	3.5'	2.4'
					42'	128	3.1'	3.1'	3'	1.7'	134	3.0'	2.5'	23'	3.0'	134	3.1'	2.0'
					45'	46	5.2'	5.2'	5'	2.9'	88	3.3'	2.8'	25'	5.0'	48	5.1'	3.4'
					48'	23	7.3'	7.3'	9'	5.2'	27	5.9'	5.0'	27'	7.0'	25	7.1'	4.8'
					51'	14	9.4'	9.4'	11'	6.4'	15	9.1'	7.6'	29'	9.0'	15	9.2'	6.1'
					54'	188	2.0'	20'	3'	1.7'	83	4.6'	3.6'	31'	3.0'	73	5.0'	3.1'
					57'	83	2.9'	2.9'	7'	4.0'	159	2.3'	2.0'	33'	4.0'	102	5.7'	2.9'
					60'	47	3.9'	3.9'	5'	2.9'	78	3.3'	2.8'	35'	5.0'	45	8.6'	4.4'
					63'	30	4.9'	4.9'	7'	4.0'	15	10.7'	8.4'	37'	6.0'	25	11.4'	5.9'
					66'	128	3.1'	3.1'	9'	5.2'	9	13.7'	10.8'	39'	5.0'	16	14.3	7.4'
					69'	73	3.5'	3.5'	3'	1.7'	83	4.6'	3.6'	41'	4.0'	159	2.8'	1.9'
					72'	49	4.4'	4.4'	7'	4.0'	65	4.2'	3.6'	43'	5.0'	69	4.7'	3.1'
					75'	34	5.3'	5.3'	5'	2.9'	39	5.4'	4.6'	45'	6.0'	35	5.5'	3.8'
					78'	136	2.7'	2.7'	11'	6.4'	26	6.0'	5.6'	47'	7.0'	87	3.5'	2.4'
					81'	77	3.5'	3.5'	5'	2.9'	127	3.0'	2.6'	49'	8.0'	170	2.5'	1.7'
					84'	49	4.4'	4.4'	7'	4.0'	28	7.5'	6.2'	51'	9.0'	87	3.5'	2.4'
					87'	34	5.3'	5.3'	9'	5.2'	17	9.7'	8.0'	53'	10.0'	110	5.5'	3.8'
					90'	131	3.1'	3.1'	3'	1.7'	152	3.2'	2.7'	55'	4.0'	192	2.8'	1.9'
					93'	58	4.6'	4.6'	5'	2.9'	55	5.4'	4.4'	57'	5.0'	69	4.7'	3.1'
					96'	33	6.1'	6.1'	7'	4.0'	39	7.5'	6.2'	59'	6.0'	45	7.2'	4.3'
					99'	21	7.7'	7.7'	9'	5.2'	17	9.7'	8.0'	61'	7.0'	45	8.6'	4.4'
					102'	12000	4000	42°	3'	1.7'	157	3.2'	2.7'	63'	3.0'	82	5.4'	3.3'
					105'	8200	3000	7°	5'	2.9'	55	5.4'	4.4'	65'	4.0'	46	7.2'	4.3'
					108'	3600	2000	13°	7'	4.0'	48	2.1'	1.8'	67'	5.0'	31	5.0'	3.1'
					111'	1150	4000	55°	9'	5.2'	9	13.7'	10.8'	69'	6.0'	21	8.4'	5.6'
					114'	1850	4000	40°	3'	1.7'	134	3.1'	2.0'	71'	7.0'	102	5.7'	2.9'
					117'	3400	4000	27°	5'	2.9'	45	4.6'	3.9'	73'	8.0'	48	5.1'	3.4'
					120'	1150	4000	55°	7'	4.0'	27	5.9'	5.0'	75'	9.0'	25	7.1'	4.8'
					123'	1850	4000	40°	9'	5.2'	15	9.1'	7.6'	77'	10.0'	15	9.2'	6.1'
					126'	12000	4000	14°	3'	1.7'	83	4.6'	3.6'	79'	11.0'	35	5.5'	3.8'
					129'	75W MR16 (T-H) NSP (EYF)	4000	14°	7'	4.0'	159	2.3'	2.0'	81'	12.0'	170	2.5'	1.7'
					132'	4900	4000	25°	5'	2.9'	78	3.3'	2.8'	83'	13.0'	45	8.6'	4.4'
					135'	34	5.3'	5.3'	7'	4.0'	15	10.7'	8.4'	85'	14.0'	25	11.4'	5.9'
					138'	136	2.7'	2.7'	9'	5.2'	9	13.7'	10.8'	87'	15.0'	170	2.5'	1.7'
					141'	77	3.5'	3.5'	7'	4.0'	65	4.2'	3.6'	89'	16.0'	87	9.4'	4.1'
					144'	49	4.4'	4.4'	9'	5.2'	39	5.4'	4.6'	91'	17.0'	60	5.1'	2.5'
					147'	34	5.3'	5.3'	11'	6.4'	26	6.0'	5.6'	93'	18.0'	35	6.5'	4.4'
					150'	131	3.1'	3.1'	3'	1.7'	152	3.2'	2.7'	95'	19.0'	121	12.2'	1.3'
					153'	58	4.6'	4.6'	5'	2.9'	55	5.4'	4.4'	97'	20.0'	68	6.2'	2.8'
					156'	33	6.1'	6.1'	7'	4.0'	28	7.5'	6.2'	99'	21.0'	48	8.3'	3.5'
					159'	21	7.7'	7.7'	9'	5.2'	17	9.7'	8.0'	101'	22.0'	41	14.93'	5.8'
					162'	2100	4000	42°	4'	1.7'	131	3.1'	3.1'	103'	23.0'	263	5.5'	1.5'
					165'	8200	3000	7°	6'	2.9'	55	5.4'	4.4'	105'	24.0'	66	11.0'	3.1'
					168'	3600	2000	13°	8'	4.0'	48	2.1'	1.8'	107'	25.0'	29	15.5'	4.6'
					171'	1150	4000	55°	10'	5.2'	9	13.7'	10.8'	109'	26.0'	44	19.3'	5.8'
					174'	1850	4000	40°	3'	1.7'	83	4.6'	4.6'	111'	27.0'	272	12.2'	1.4'
					177'	12000	4000	14°	5'	2.9'	45	3.3'	2.7'	113'	28.0'	113	19.9'	0.9'
					180'	75W MR16 (T-H) NFL (EYJ)	4000	25°	7'	4.0'	35	3.6'	3.0'	115'	29.0'	50	2.8'	1.4'
					183'	4900	4000	4.4°	9'	5.2'	39	5.4'	4.6'	117'	30.0'	28	3.8'	1.8'
					186'	34	5.3'	5.3'	11'	6.4'	26	6.0'	5.6'	119'	31.0'	64	9.45'	4.4'
					189'	131	3.1'	3.1'	3'	1.7'	152	3.2'	2.7'	121'	32.0'	87	18.47'	4.4'
					192'	58	4.6'	4.6'	5'	2.9'	55	5.4'	4.4'	123'	33.0'	21	10.8'	6.5'
					195'	33	6.1'	6.1'	7'	4.0'	28	7.5'	6.2'	125'	34.0'	21	10.8'	6.5'
					198'	21	7.7'	7.7'	9'	5.2'	17	9.7'	8.0'	127'	35.0'	66	11.0'	3.1'
					201'	12000	4000	42°	4'	1.7'	131	3.1'	3.1'	129'	36.0'	113	19.9'	0.9'
					204'	8200	3000	7°	6'	2.9'	55	5.4'	4.4'	131'	37.0'	52	11.5'	0.7'
					207'	3600	2000	13°	8'	4.0'	48	2.1'	1.8'	133'	38.0'	44	19.95'	4.4'
					210'	1150	4000	55°	10'	5.2'	9	13.7'	10.8'	135'	39.0'	41	21.5'	1.2'
					213'	1850	4000	40°	3'	1.7'	131	3.1'	3.1'	137'	40.0'	21	10.8'	6.5'
					216'	12000	4000	14°	5'	2.9'	45	3.3'	2.7'	139'	41.0'	66	11.0'	3.1'
					219'	75W MR16 (T-H) NFL (EYJ)	4000	25°	7'	4.0'	35	3.6'	3.0'	141'	42.0'	52	11.5'	4.6'
					222'	4900	4000	4.4°	9'	5.2'	39	5.4'	4.6'	143'	43.0'	38	8.3'	3.5'
					225'	34	5.3'	5.3'	11'	6.4'	26	6.0'	5.6'	145'	44.0'	87	25	10.4'
					228'	131	3.1'	3.1'	3'	1.7'	152	3.2'	2.7'	147'	45.0'	263	5.5'	1.5'
					231'	58	4.6'	4.6'	5'	2.9'	55	5.4'	4.4'	149'	46.0'	66	11.0'	3.1'
					234'	33	6.1'	6.1'	7'	4.0'	28	7.5'	6.2'	151'	47.0'	52	9.7'	2.9'
					237'	21	7.7'	7.7'	9'	5.2'	17	9.7'	8.0'	153'	48.0'	44	19.93'	4.4'
					240'	12000	4000	42°	4'	1.7'	131	3.1'	3.1'	155'	49.0'	21	10.	

## Job Information

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**Type:**

**Lightolier** a Genlyte Thomas Company [www.lightolier.com](http://www.lightolier.com)  
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